

WHAT IS CLAIMED IS:

1. A socket, comprising a main body including a first cylinder, and a second cylinder integrally formed on the first cylinder, wherein:

the first cylinder of the main body has an outer periphery formed
5 with a plurality of outer teeth;

the second cylinder of the main body has an inner periphery formed
with a plurality of inner teeth;

the inner teeth of the second cylinder of the main body and the outer
teeth of the first cylinder of the main body have the same tooth number and
10 have the corresponding tooth shape.

2. The socket in accordance with claim 1, wherein each of the outer
teeth of the first cylinder of the main body has an arcuate shape.

3. The socket in accordance with claim 1, wherein the first cylinder
of the main body is formed with twelve outer teeth.

15 4. The socket in accordance with claim 1, wherein the outer teeth of
the first cylinder of the main body are arranged in an annular manner.

5. The socket in accordance with claim 1, wherein the outer
periphery of the first cylinder of the main body is formed with a plurality of
arcuate recesses located between the outer teeth.

20 6. The socket in accordance with claim 5, wherein the first cylinder
of the main body is formed with twelve recesses.

7. The socket in accordance with claim 1, wherein each of the inner teeth of the second cylinder of the main body has an arcuate shape.

8. The socket in accordance with claim 1, wherein the second cylinder of the main body is formed with twelve inner teeth.

5 9. The socket in accordance with claim 1, wherein the inner teeth of the second cylinder of the main body are arranged in an annular manner.

10. The socket in accordance with claim 1, wherein the inner periphery of the second cylinder of the main body is formed with a plurality of arcuate recesses located between the inner teeth.

10 11. The socket in accordance with claim 10, wherein the second cylinder of the main body is formed with twelve recesses.

12. The socket in accordance with claim 1, wherein any two sockets are connected with each other so as to increase the whole length.

13. The socket in accordance with claim 1, further comprising a
15 ratchet wrench including a drive head having an inner periphery formed with a plurality of arcuate inner teeth.

14. The socket in accordance with claim 13, wherein the drive head of the ratchet wrench is formed with twelve inner teeth.

15. The socket in accordance with claim 1, wherein the inner
20 periphery of the drive head of the ratchet wrench is formed with a plurality of arcuate recesses located between the inner teeth.

16. The socket in accordance with claim 1, wherein the drive head of the ratchet wrench is formed with twelve recesses.